

10 RADIO BASE STATION APPARATUS

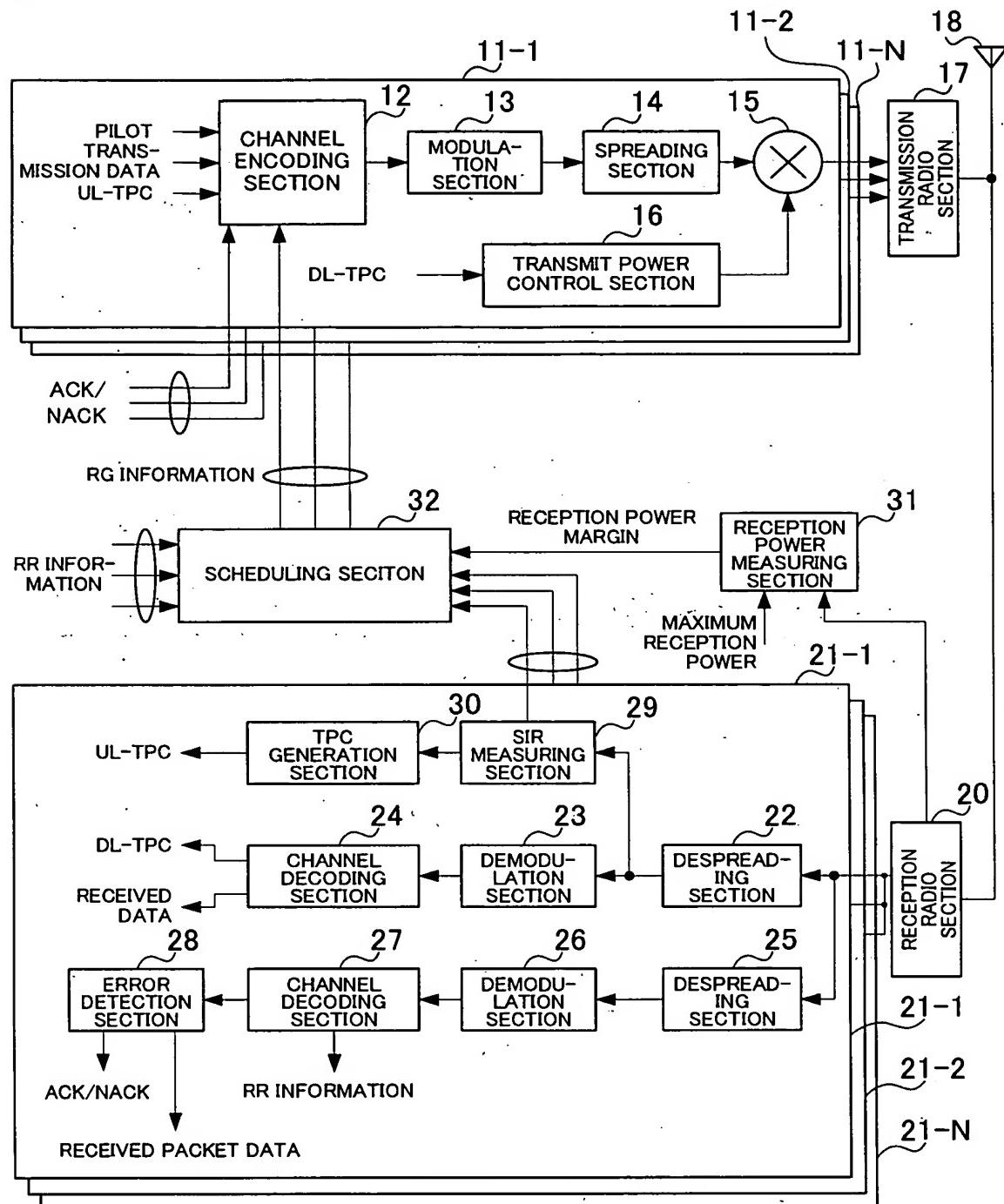


FIG.1 (PRIOR ART)

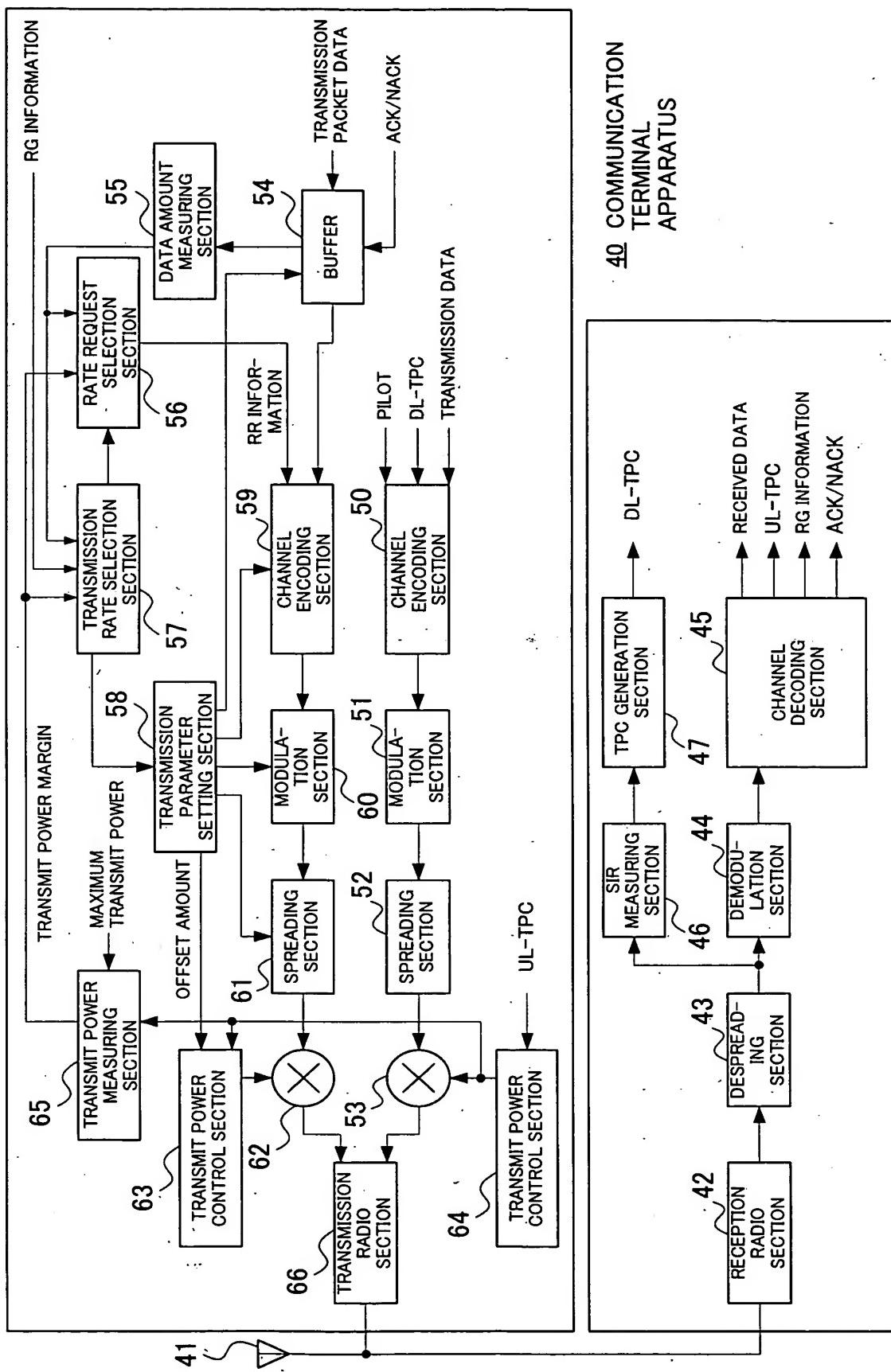


FIG.2 (PRIOR ART)

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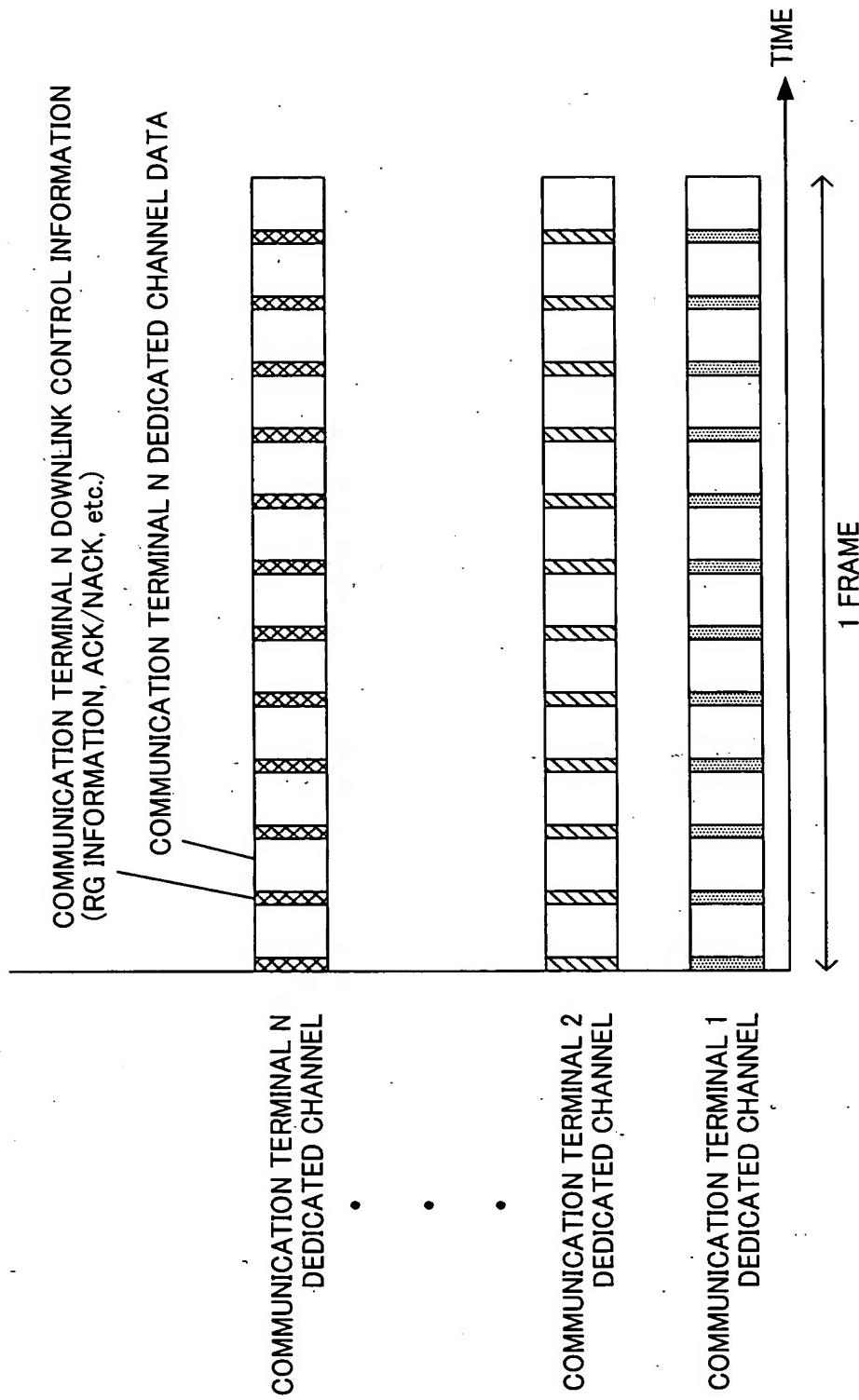


FIG.3 (PRIOR ART)

100 RADIO BASE STATION APPARATUS

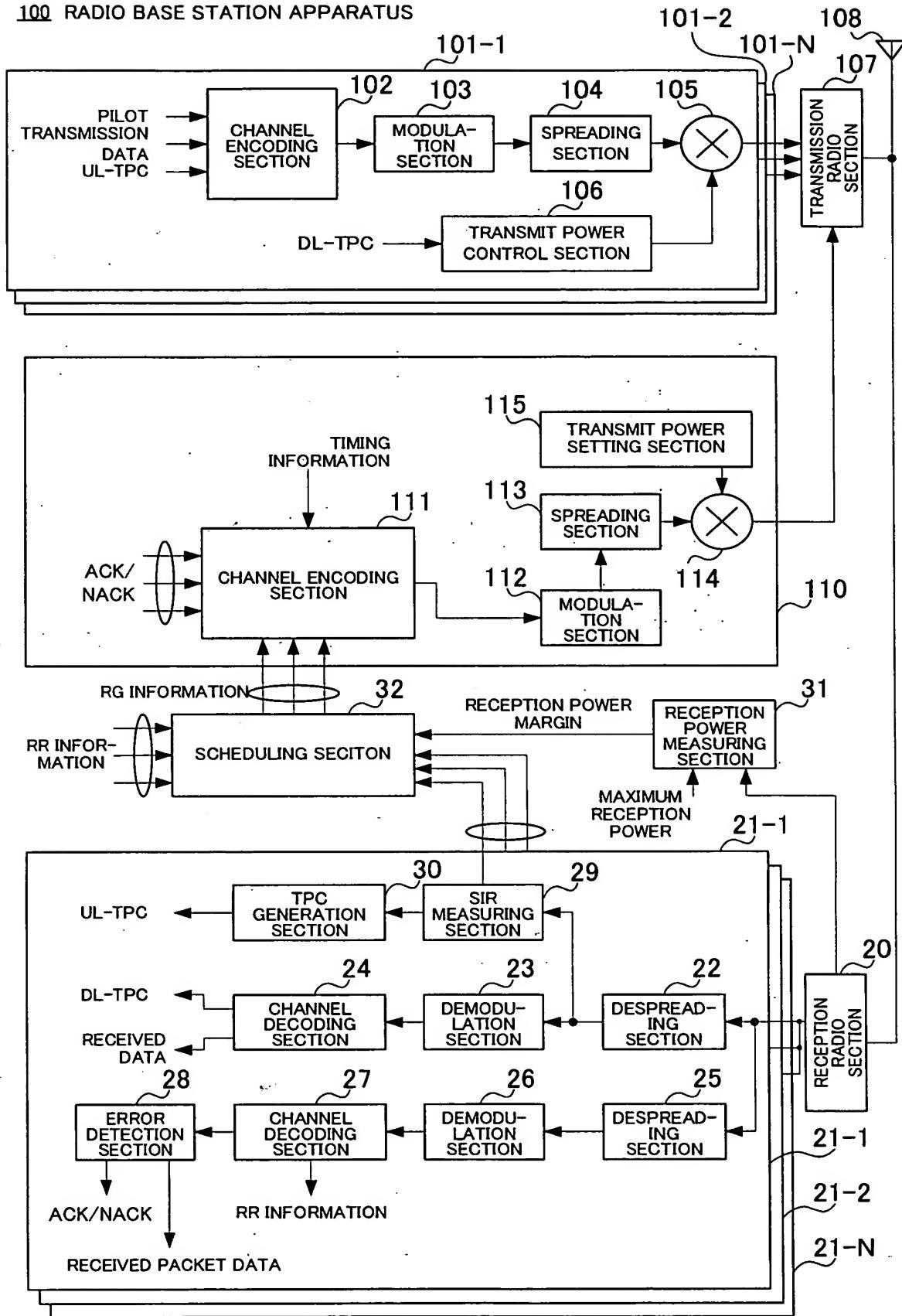


FIG.4

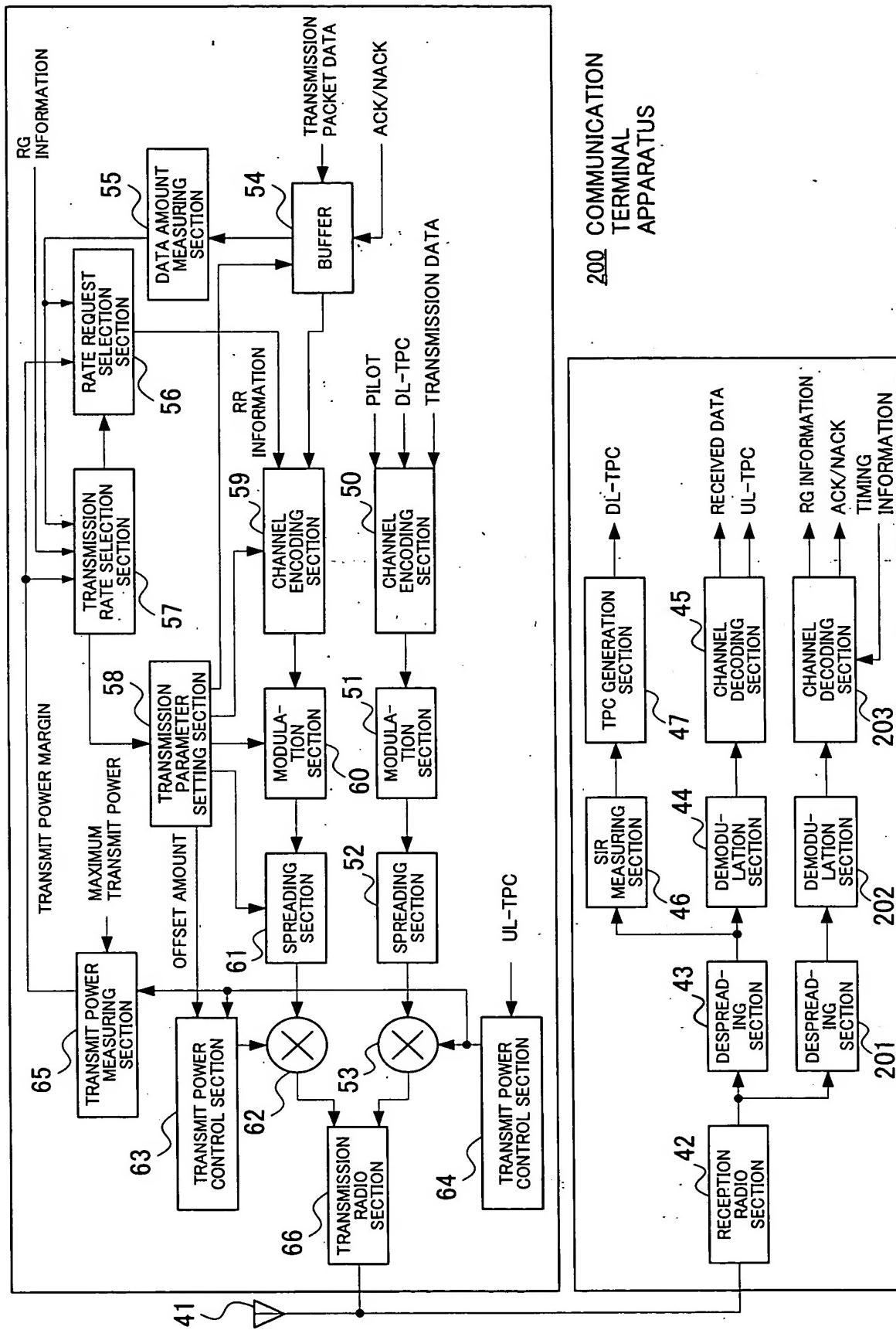


FIG. 5

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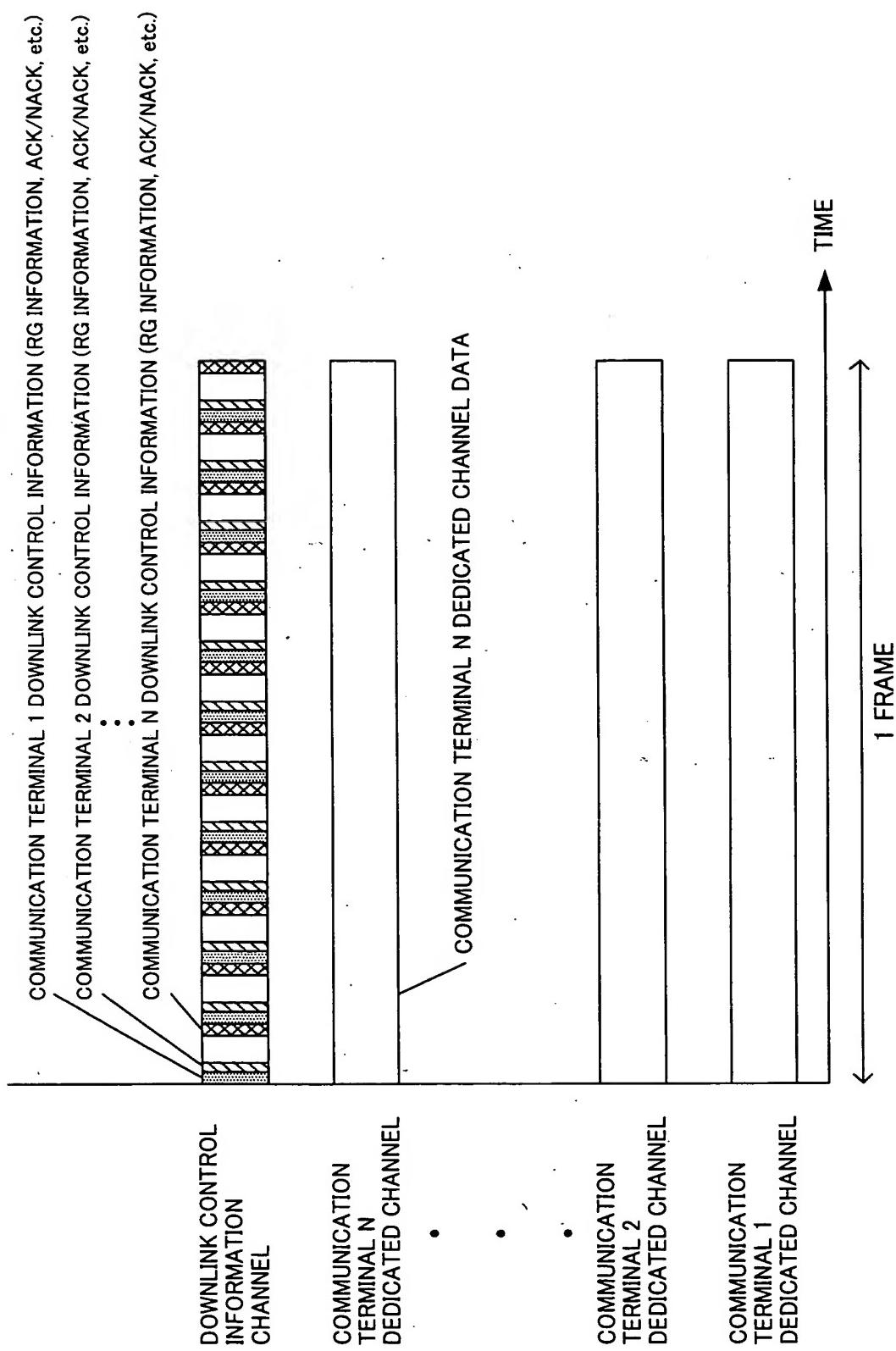


FIG.6

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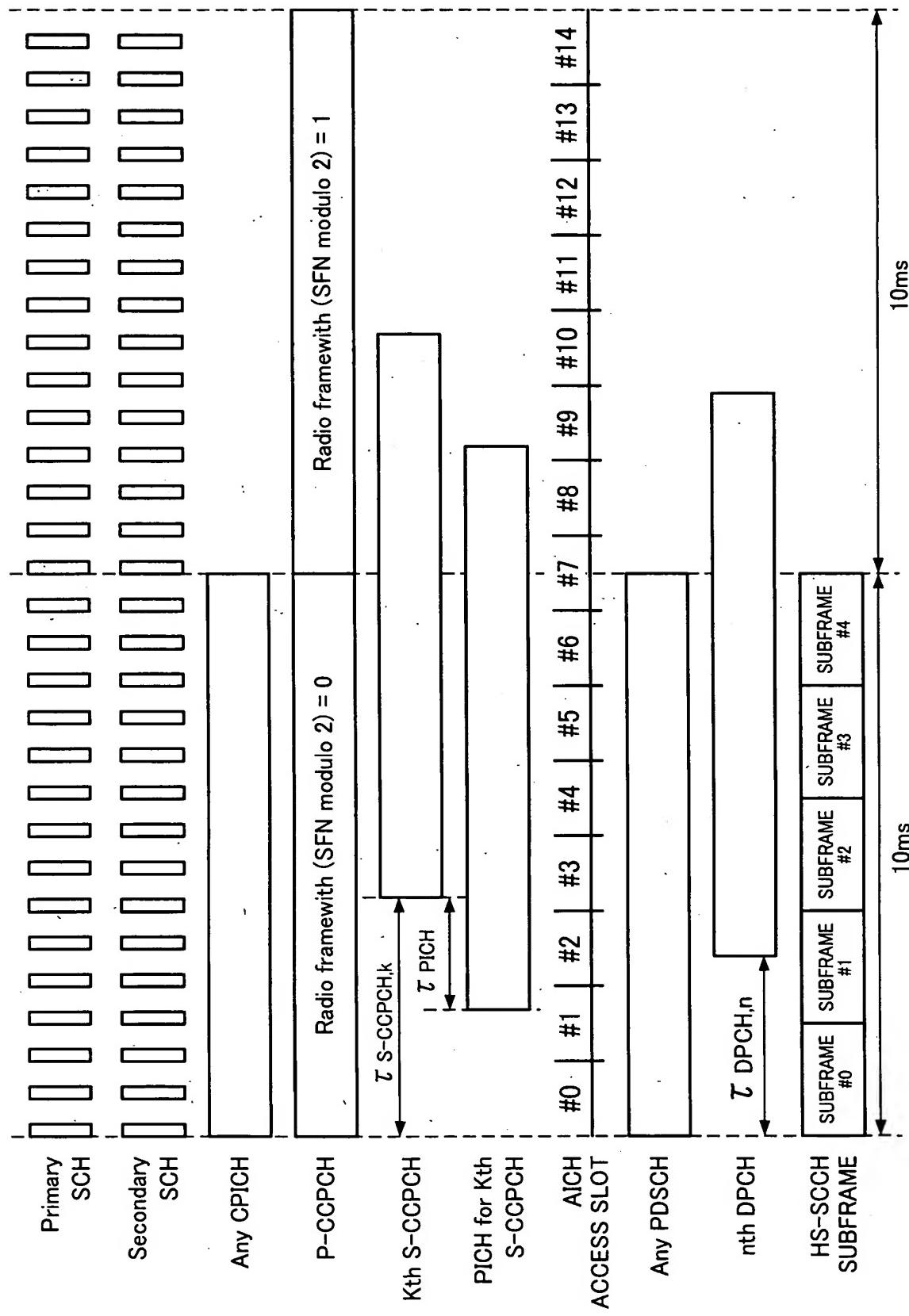


FIG.7

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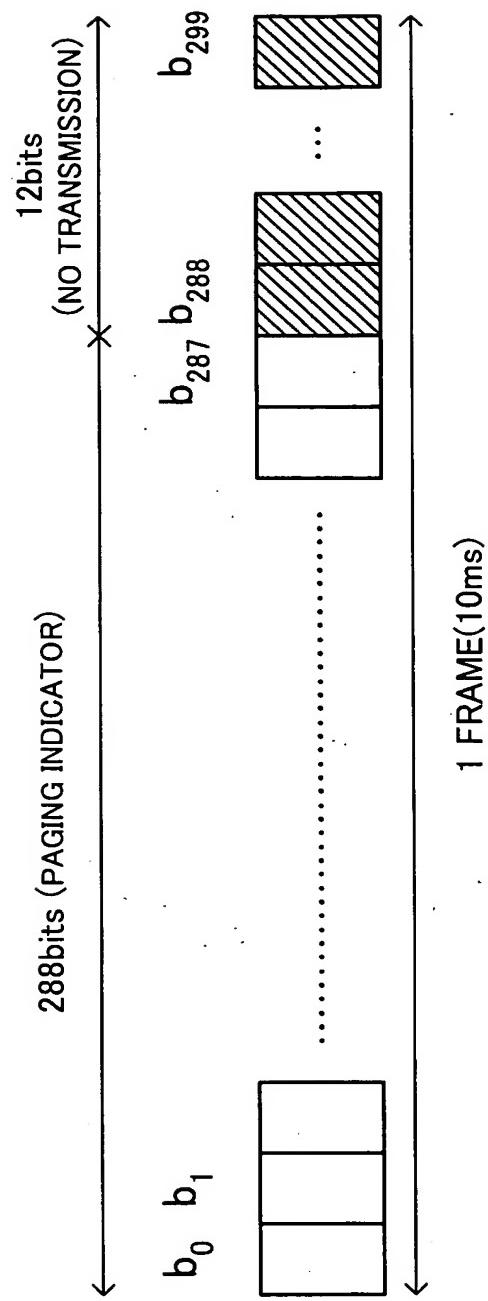


FIG.8

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NUMBER OF PAGING INDICATORS (Np)	Pq=1	Pq=0
Np = 18	$\{b_{16q}, \dots, b_{16q+15}\} = \{1, 1, \dots, 1\}$	$\{b_{16q}, \dots, b_{16q+15}\} = \{0, 0, \dots, 0\}$
Np = 36	$\{b_{8q}, \dots, b_{8q+7}\} = \{1, 1, \dots, 1\}$	$\{b_{8q}, \dots, b_{8q+7}\} = \{0, 0, \dots, 0\}$
Np = 72	$\{b_{4q}, \dots, b_{4q+3}\} = \{1, 1, \dots, 1\}$	$\{b_{4q}, \dots, b_{4q+3}\} = \{0, 0, \dots, 0\}$
Np = 144	$\{b_{2q}, b_{2q+1}\} = \{1, 1, \dots, 1\}$	$\{b_{2q}, b_{2q+1}\} = \{0, 0\}$

FIG.9

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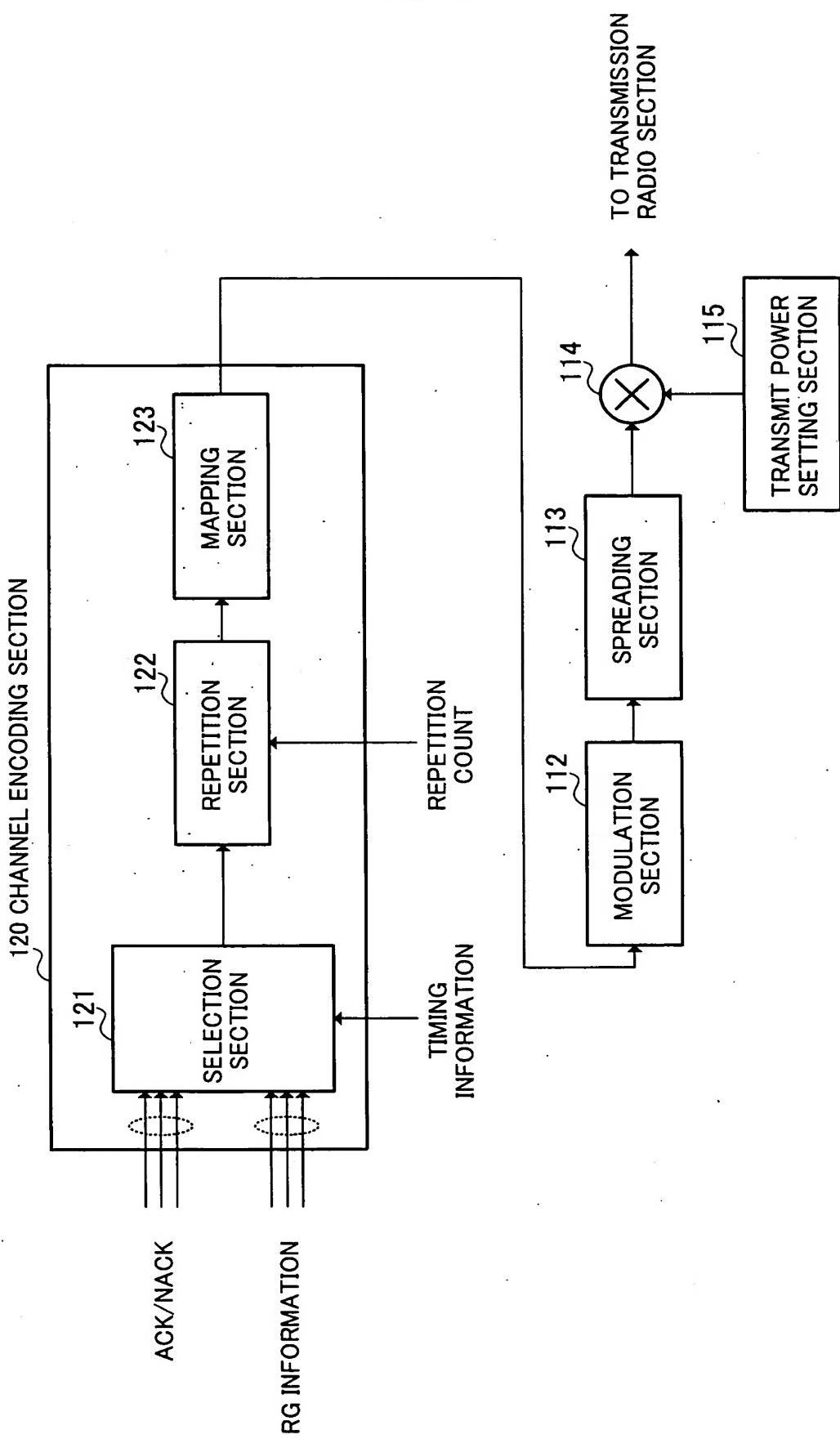


FIG.10

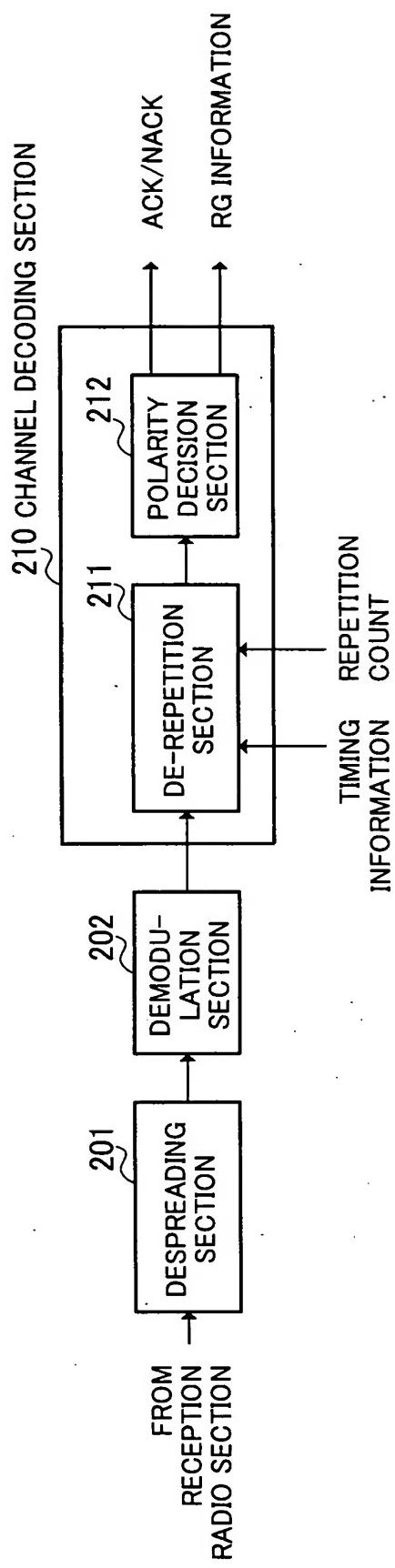


FIG. 11

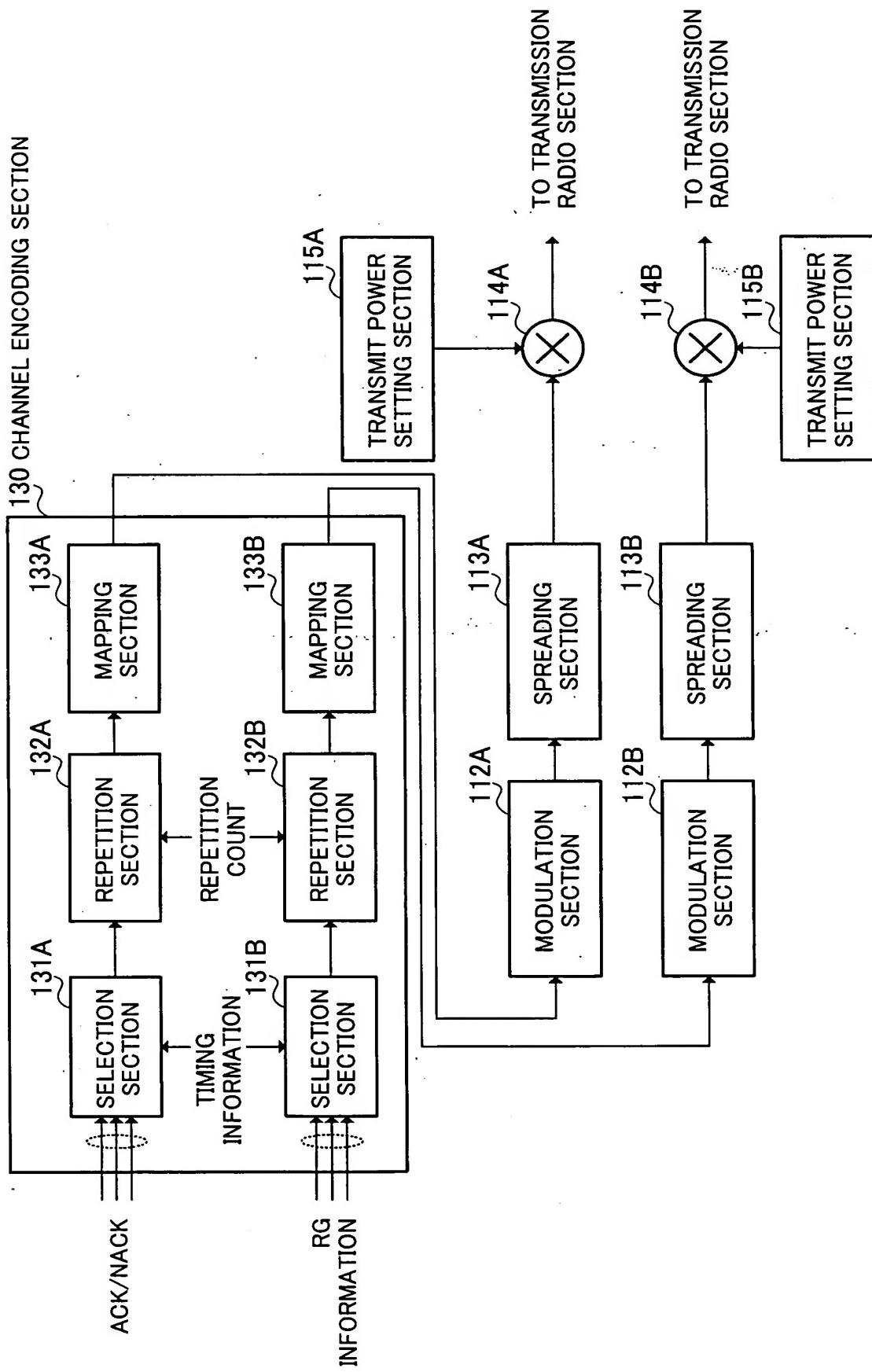


FIG.12

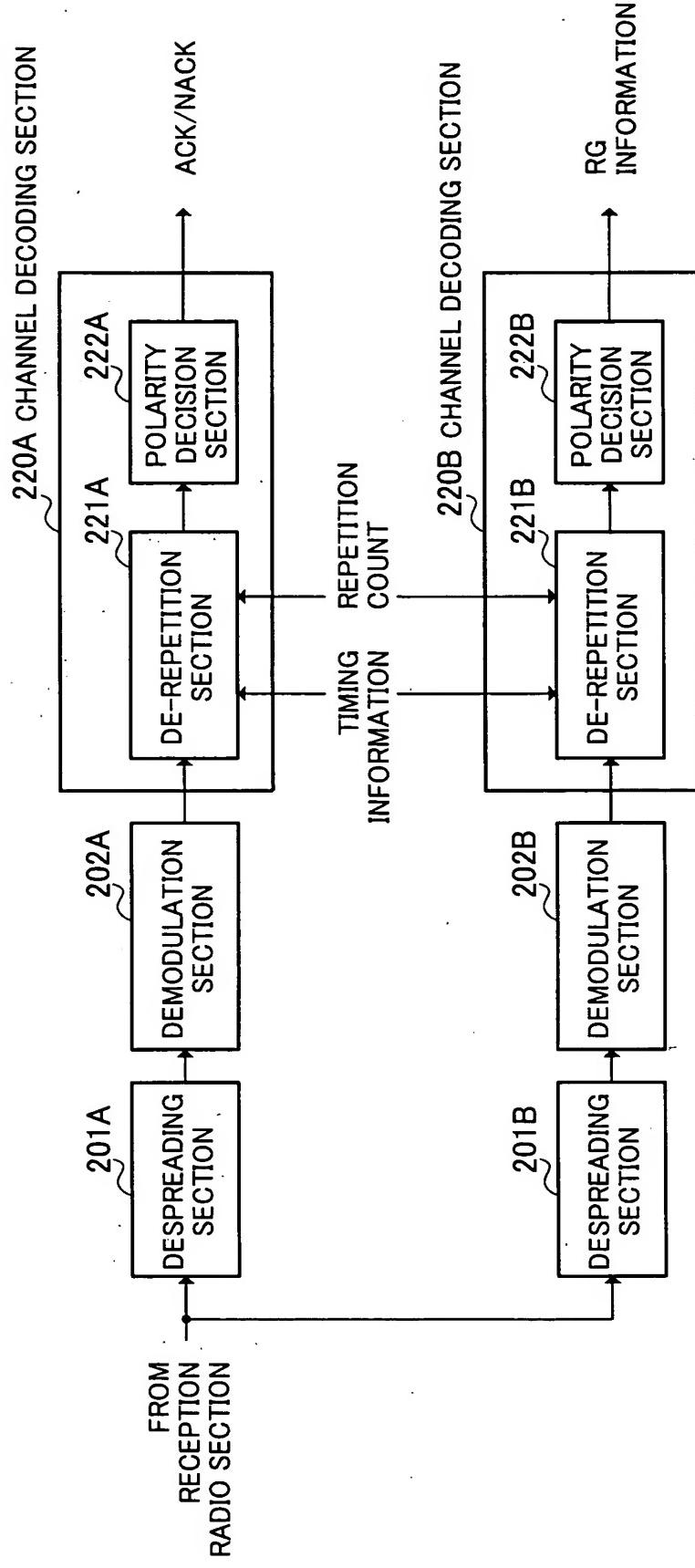


FIG.13

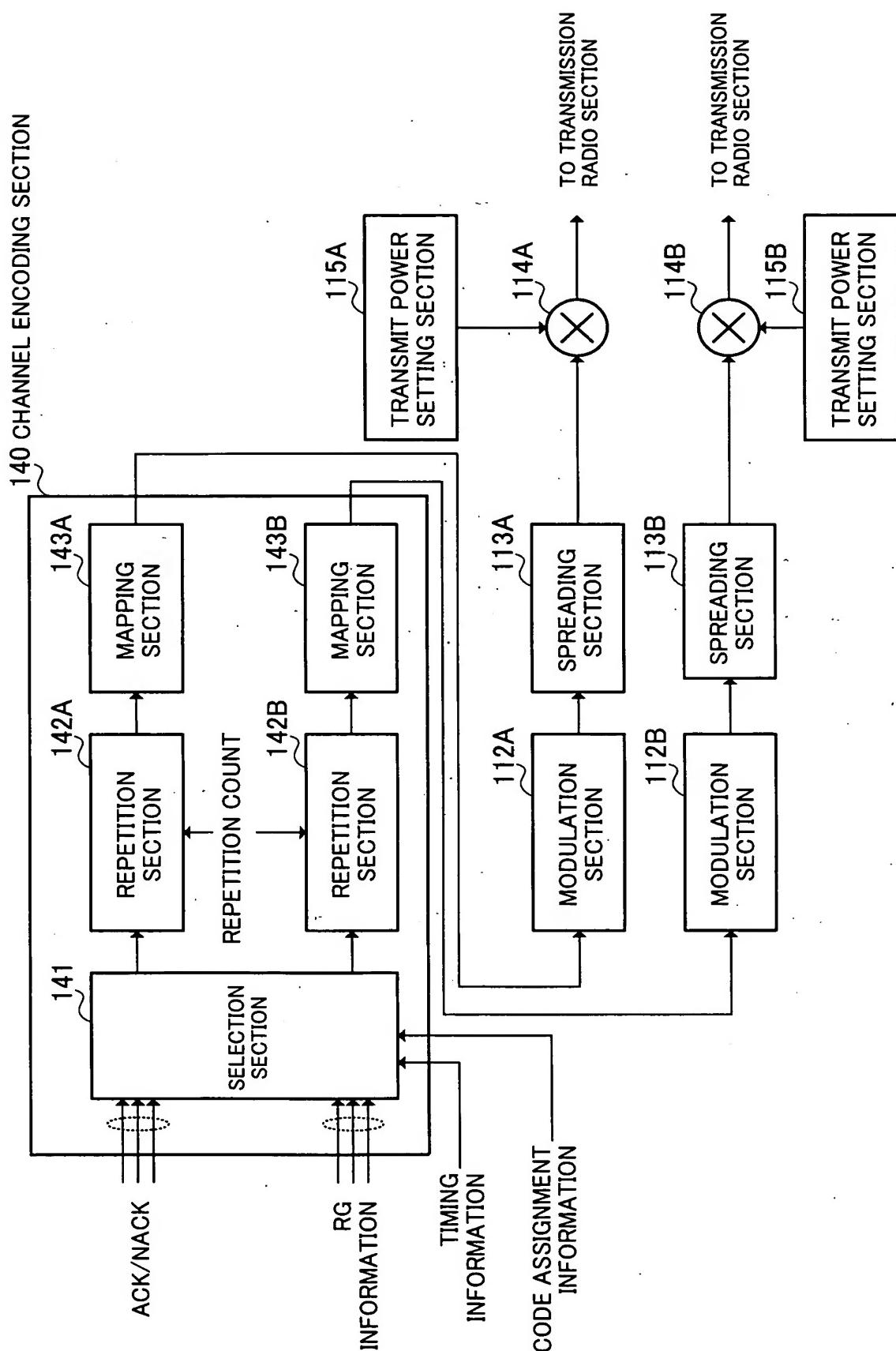


FIG.14

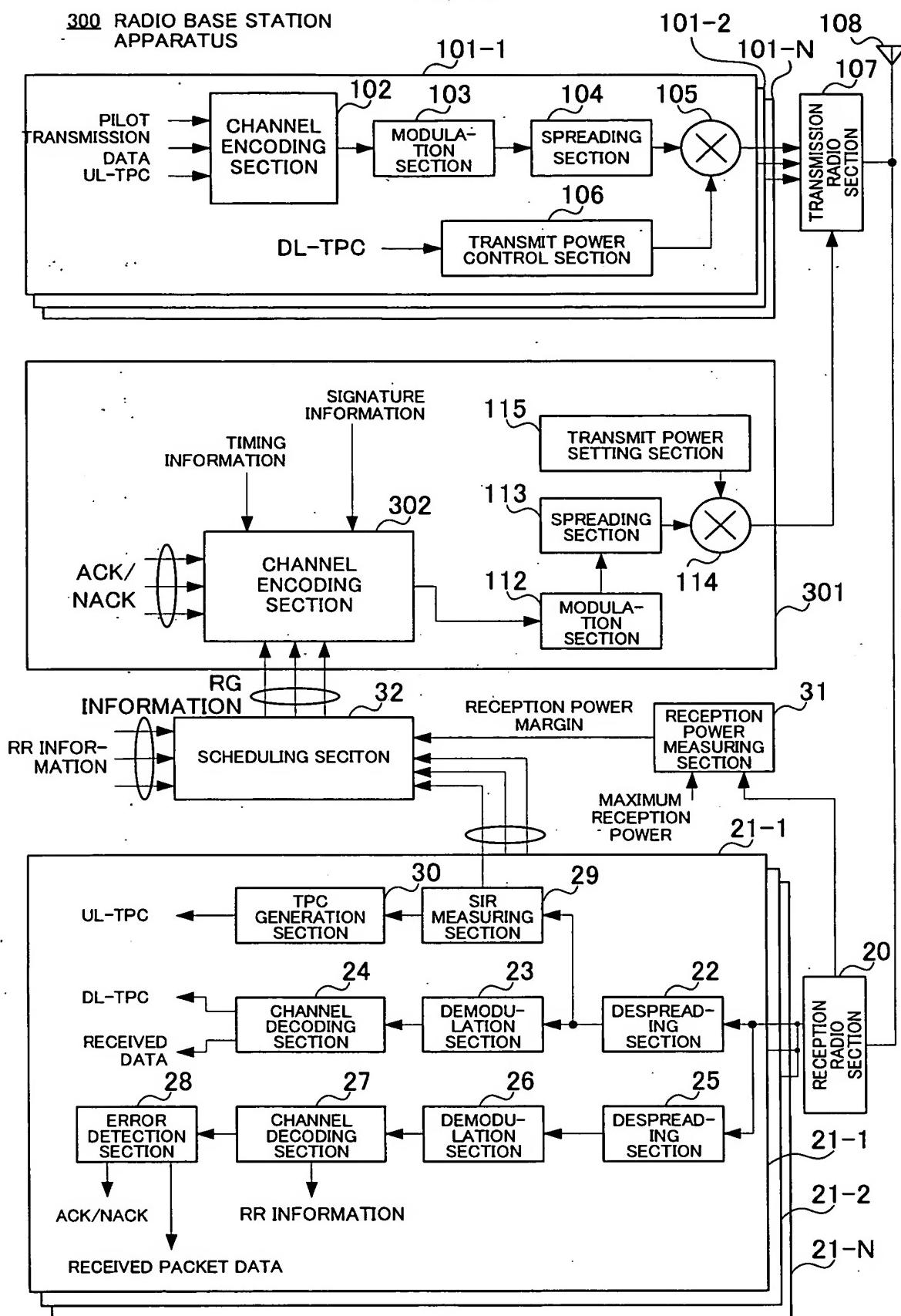


FIG.15

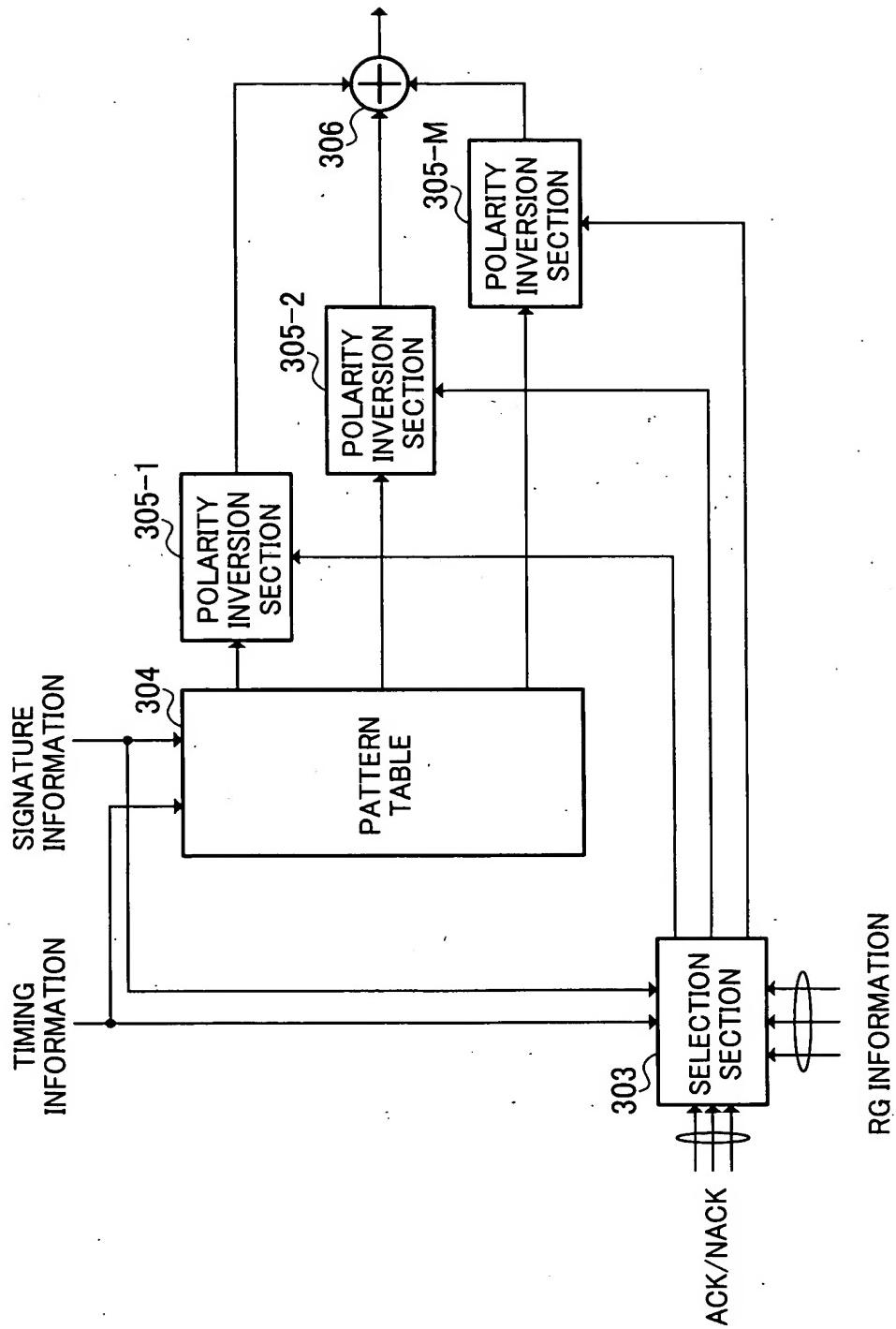
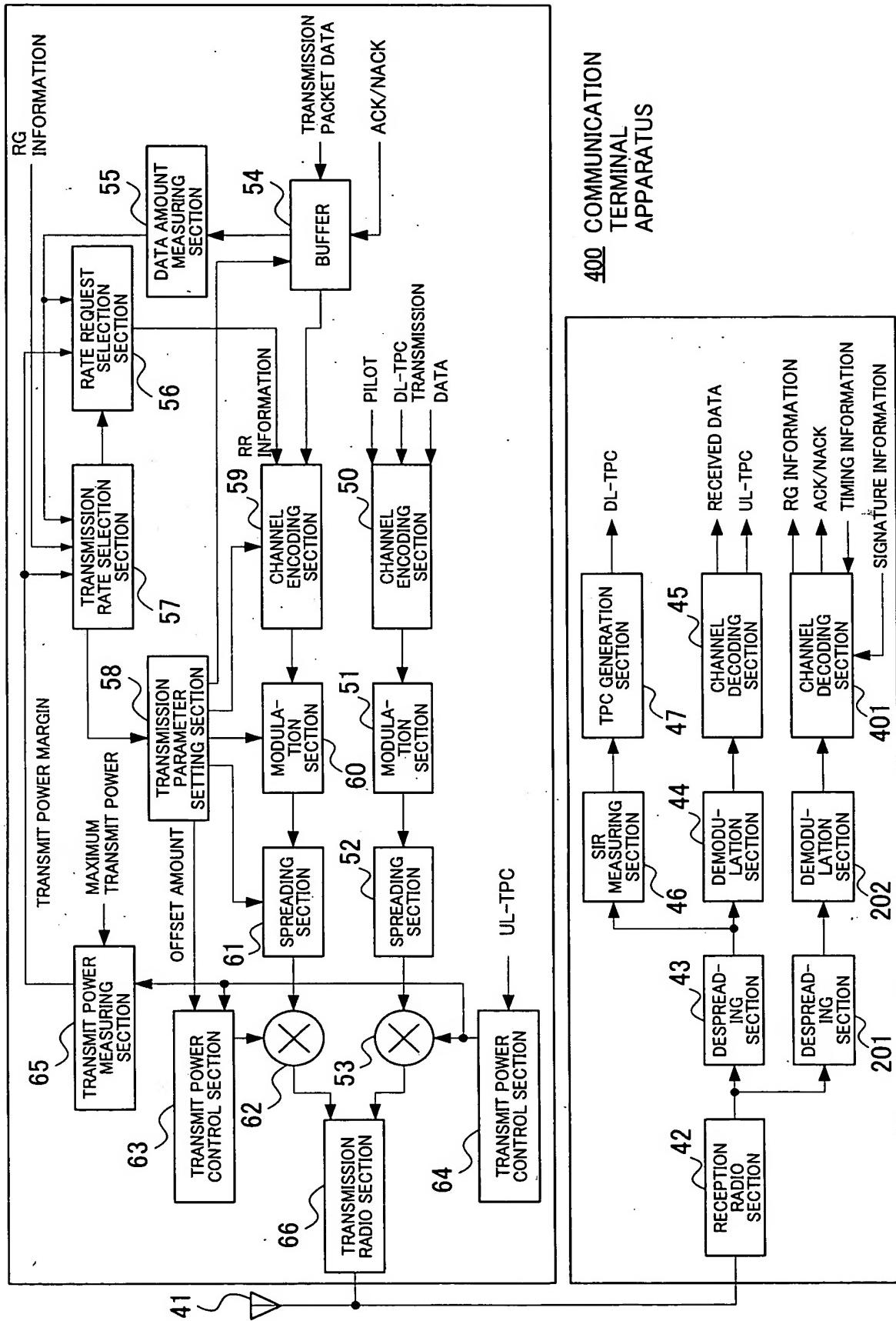
302 CHANNEL ENCODING SECTION

FIG.16



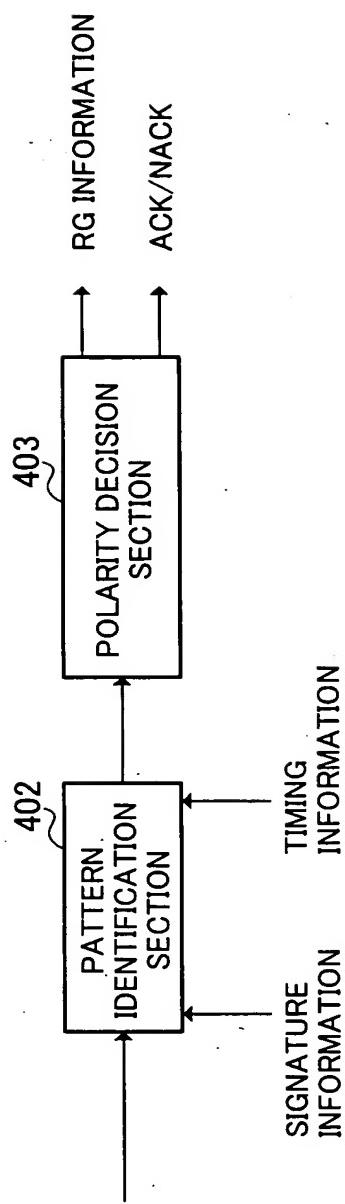
401 CHANNEL DECODING SECTION

FIG.18

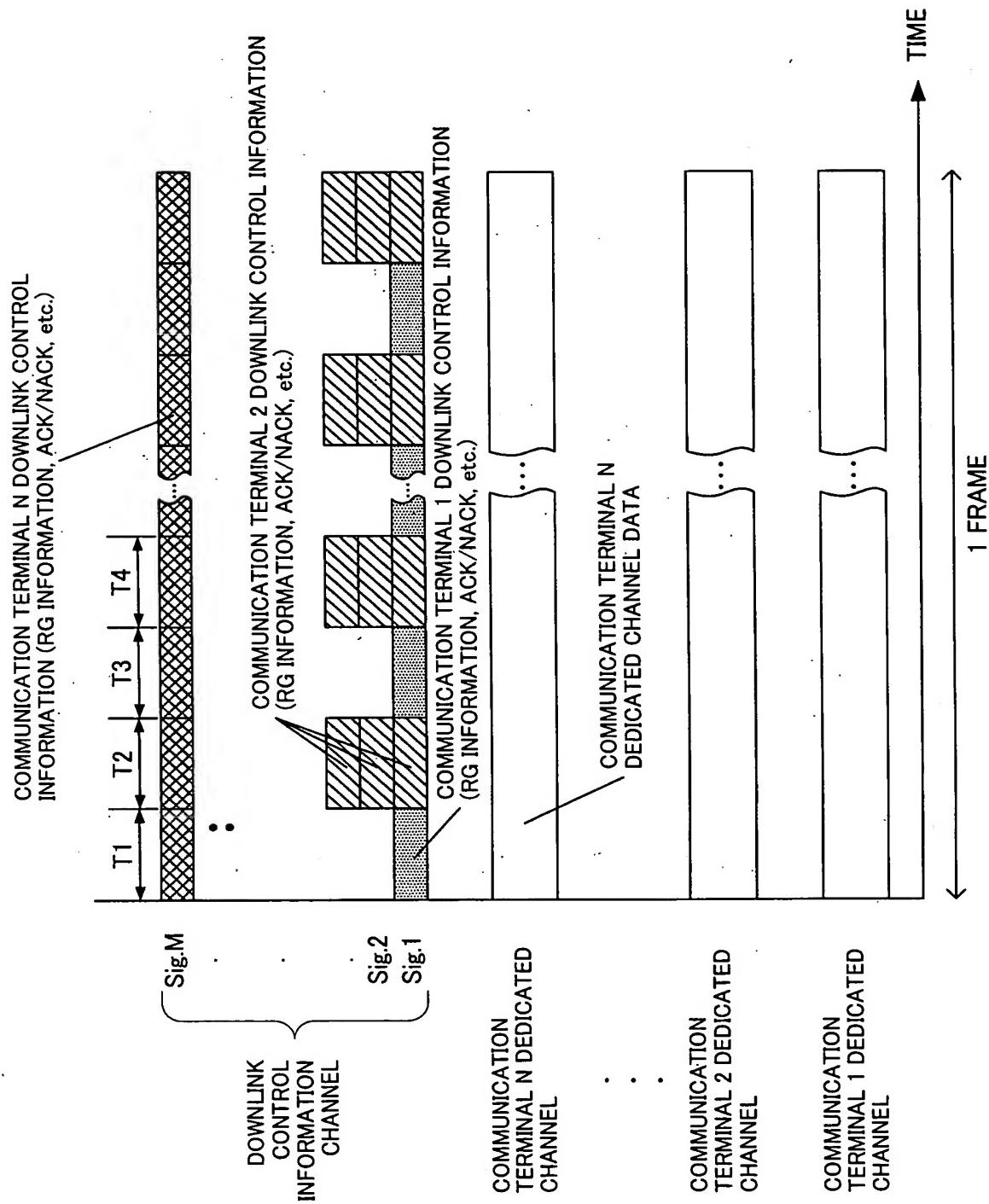


FIG. 19

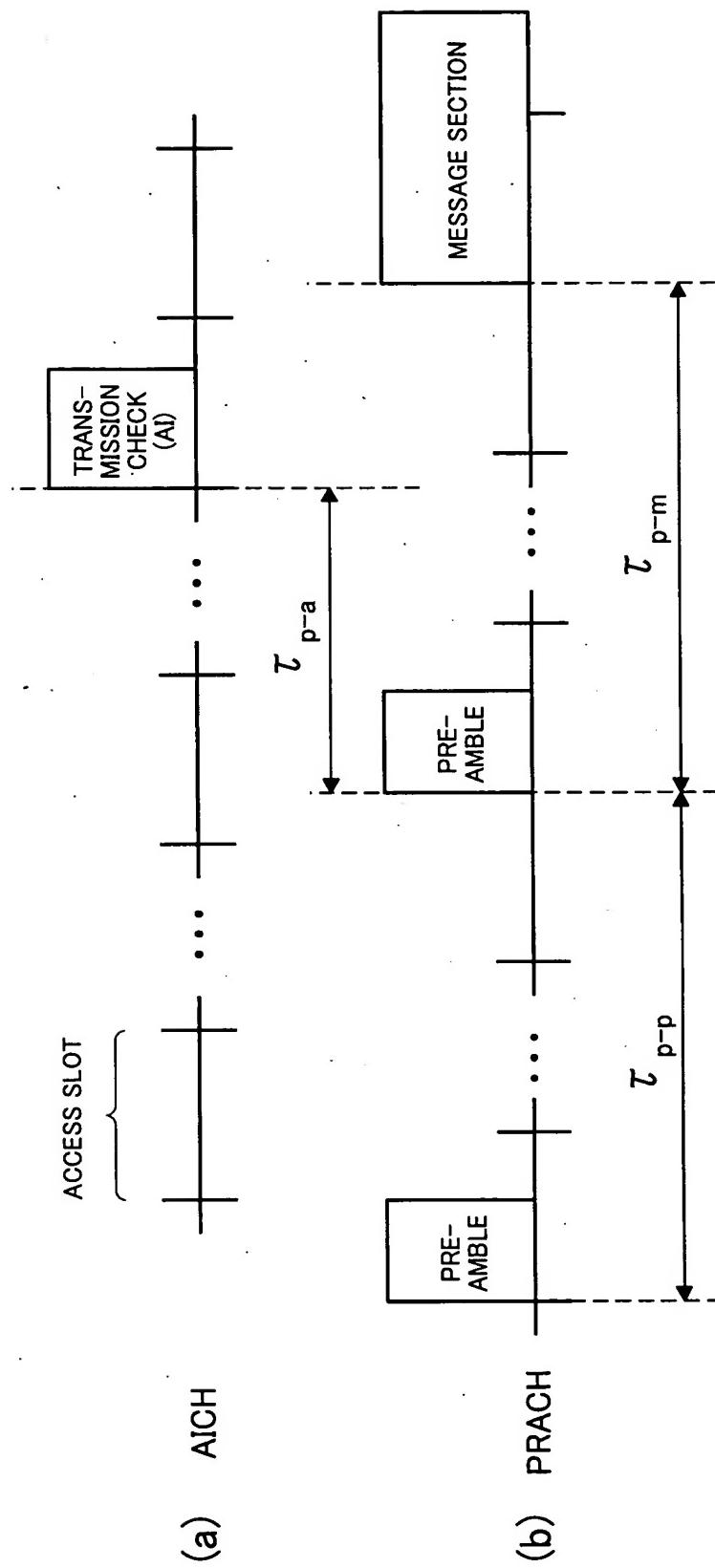


FIG.20

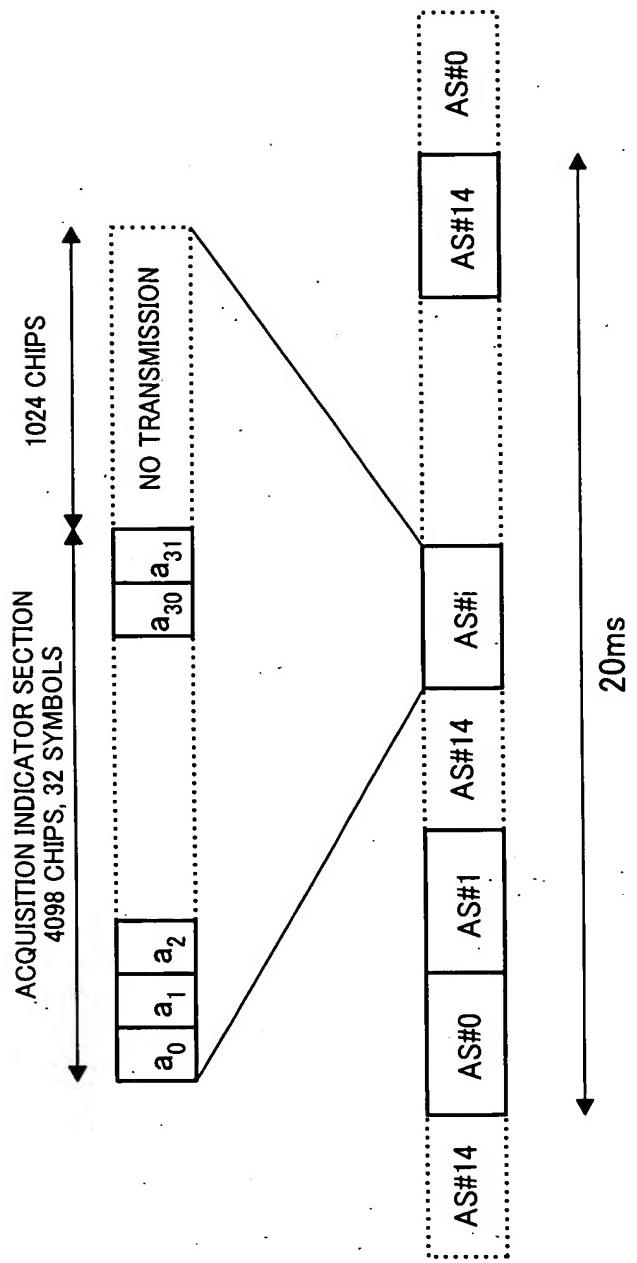


FIG.21

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s	$b_{s,0}, b_{s,1}, \dots, b_{s,31}$
0	1 1
1	1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1
2	1 1 1 1 -1 -1 -1 1 1 1 -1 -1 -1 1 1 1 -1 -1 -1 1 1 1 -1 -1 -1 1
3	1 1 -1 -1 -1 1 1 1 -1 -1 -1 -1 1 1 1 -1 -1 -1 -1 1 1 1 -1 -1 -1 1
4	1 1 1 1 1 1 -1 -1 -1 -1 -1 -1 1 1 1 1 1 1 1 1 1 -1 -1 -1 -1 -1 1
5	1 1 -1 1 1 -1 -1 -1 1 1 -1 -1 1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1
6	1 1 1 -1 -1 -1 -1 -1 1 1 1 1 1 1 1 -1 -1 -1 -1 1 1 -1 -1 1 1 1 1
7	1 1 -1 -1 -1 1 1 -1 -1 1 1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 1 1
8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 -1 -1 -1 -1 -1 1 1 -1 -1 1 1 1 1
9	1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1
10	1 1 1 -1 -1 -1 -1 1 1 1 1 -1 -1 -1 -1 -1 1 1 1 -1 -1 -1 1 1 1 1
11	1 1 -1 -1 -1 1 1 1 -1 -1 -1 1 1 -1 -1 1 1 1 -1 -1 -1 1 1 1 1 1
12	1 1 1 1 1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 1 1 1 1 1 1 1 1 1 1 1 1
13	1 1 -1 1 1 -1 -1 -1 -1 -1 1 1 -1 -1 1 1 -1 -1 1 1 1 1 1 1 1 1
14	1 1 1 -1 -1 -1 -1 -1 -1 1 1 1 -1 -1 -1 1 1 1 1 1 1 1 1 1 1 1
15	1 1 -1 -1 -1 1 1 -1 -1 1 1 1 -1 -1 -1 1 1 1 1 1 1 1 1 1 1 1 1

FIG.22

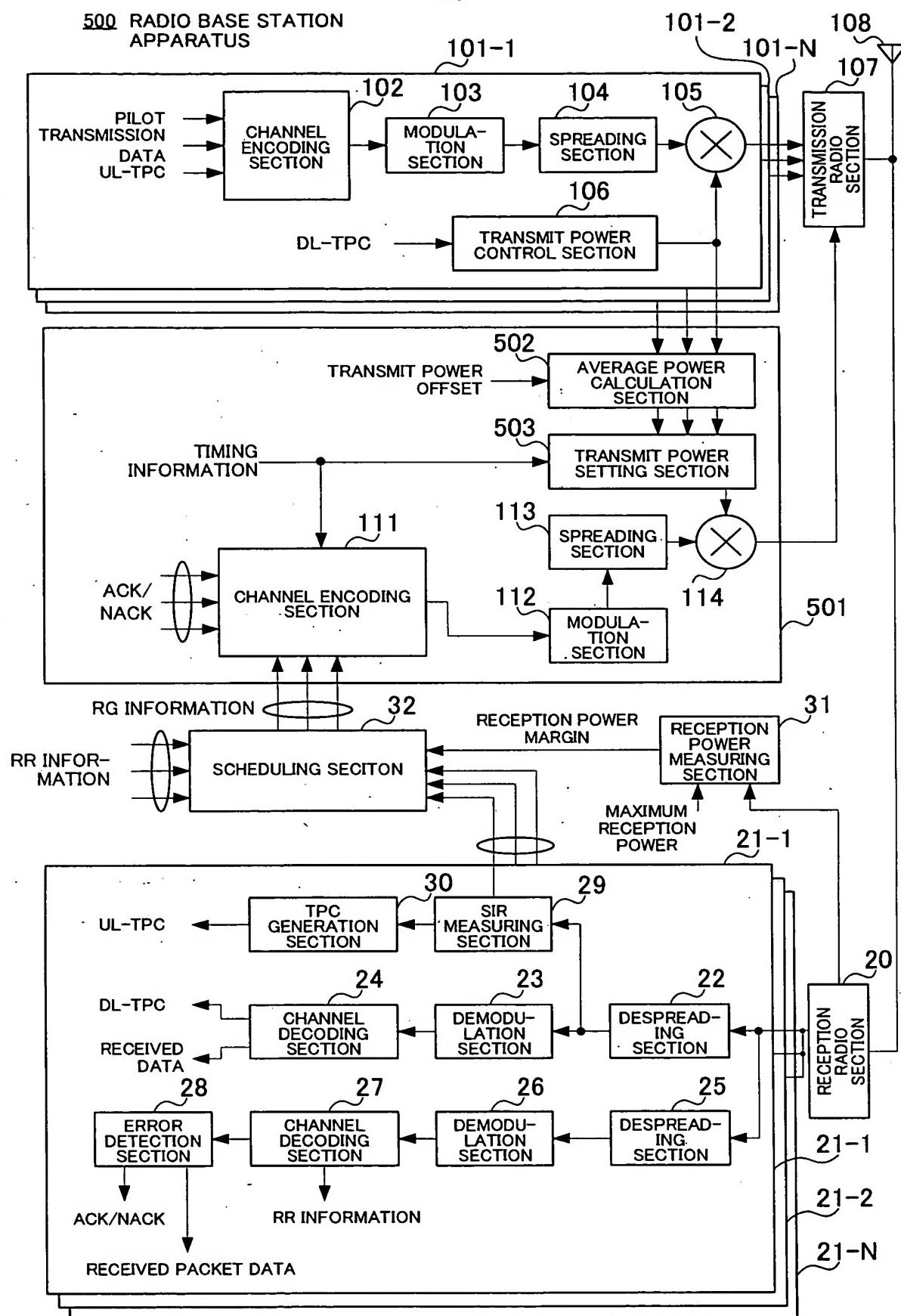


FIG 23

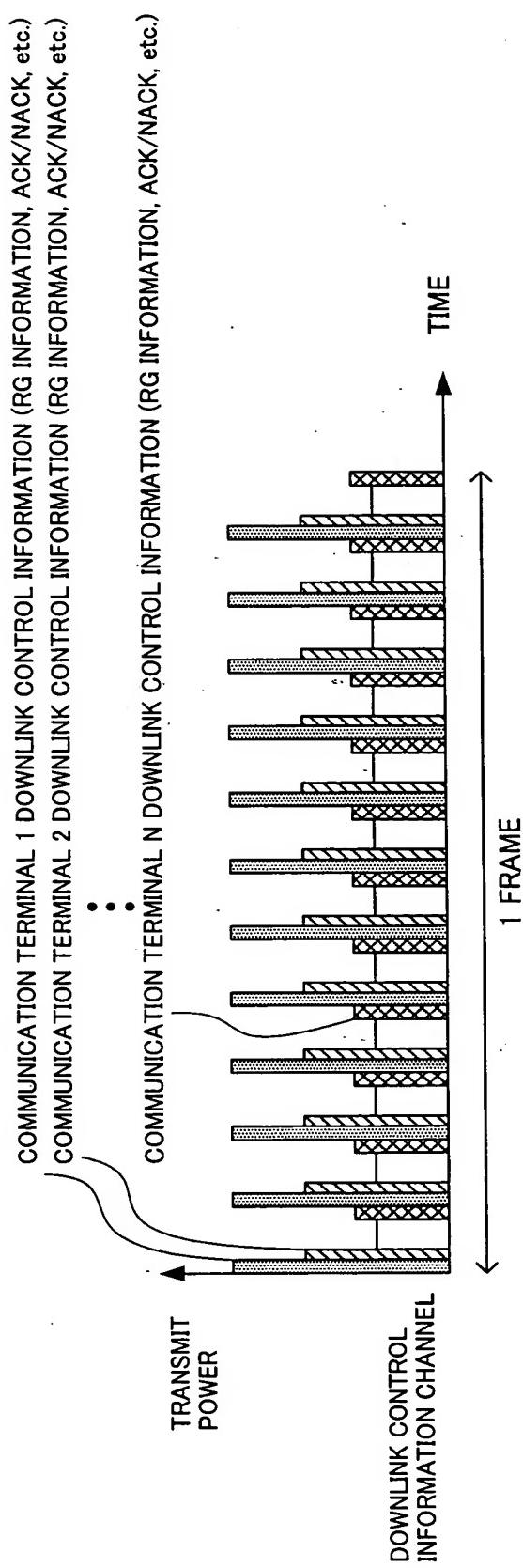


FIG.24

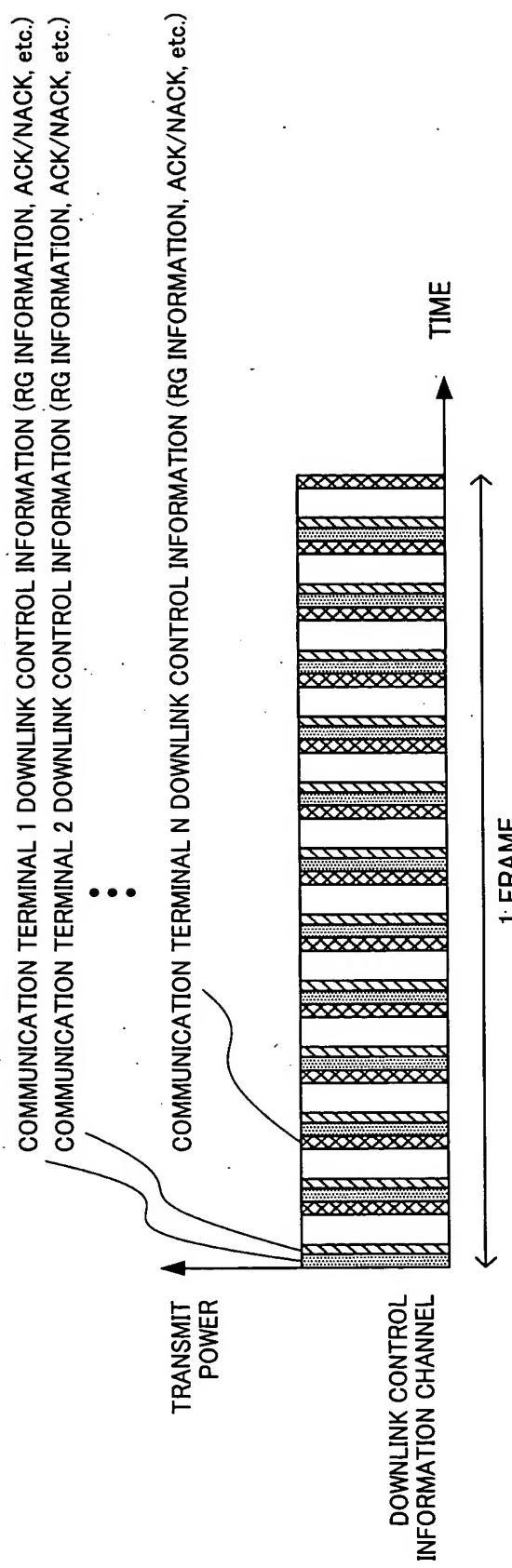


FIG.25

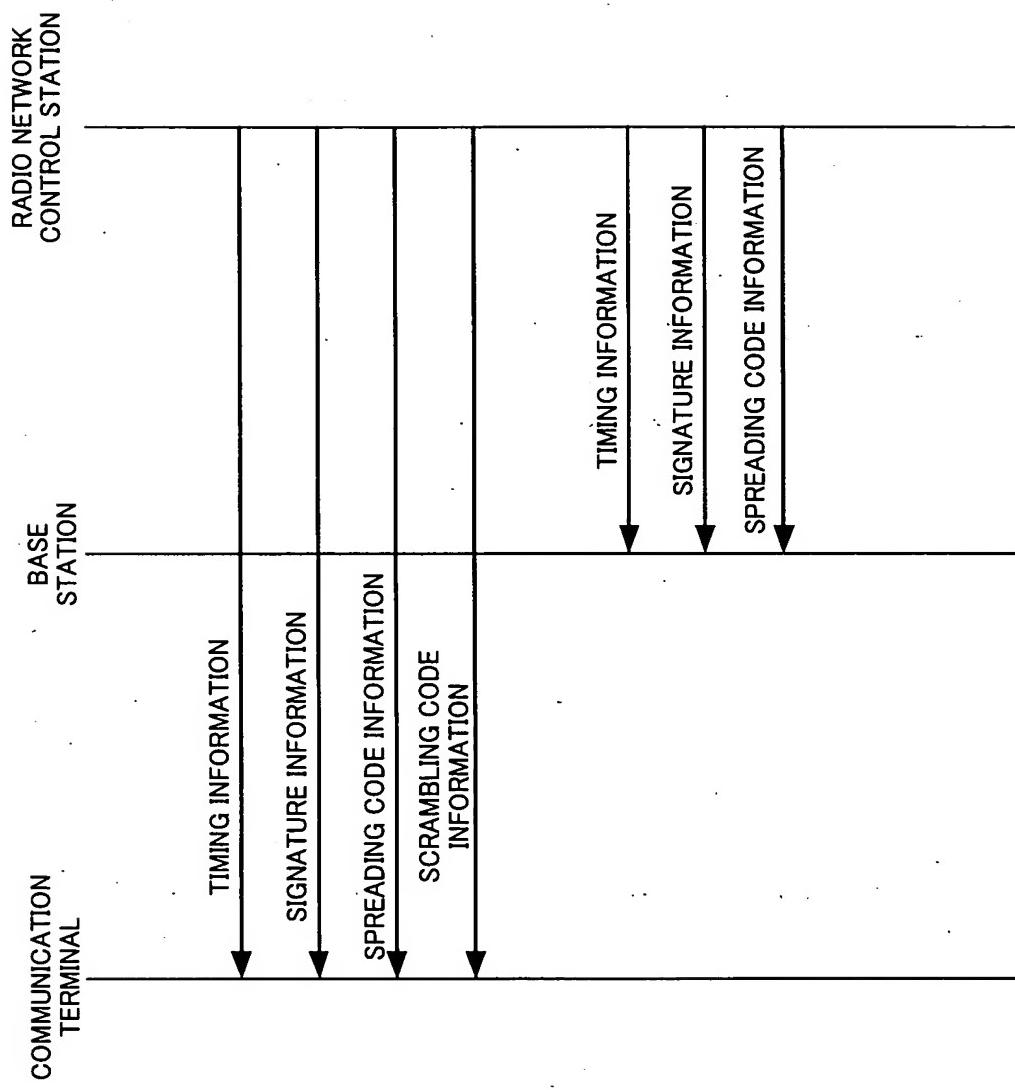


FIG.26

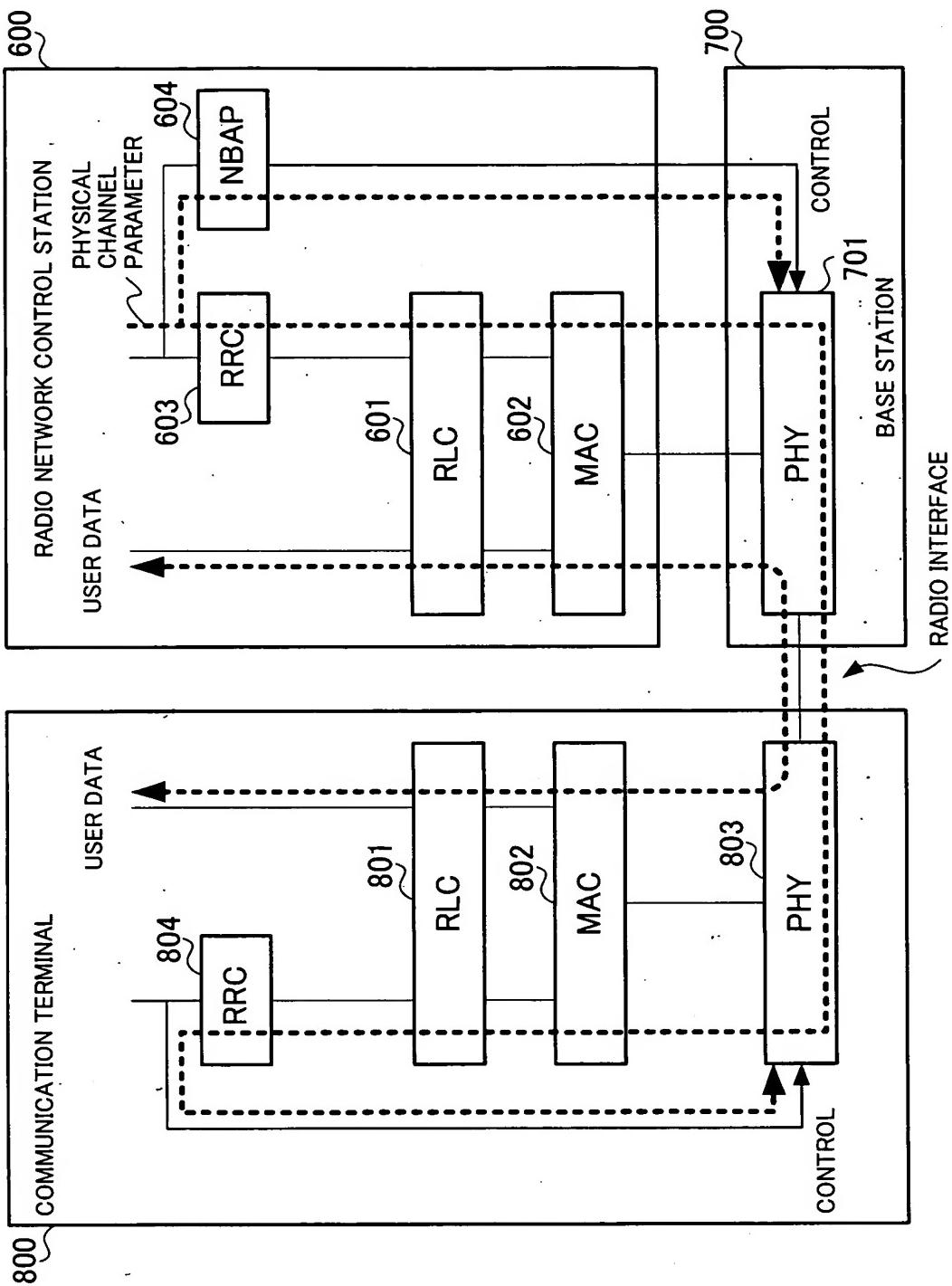


FIG.27